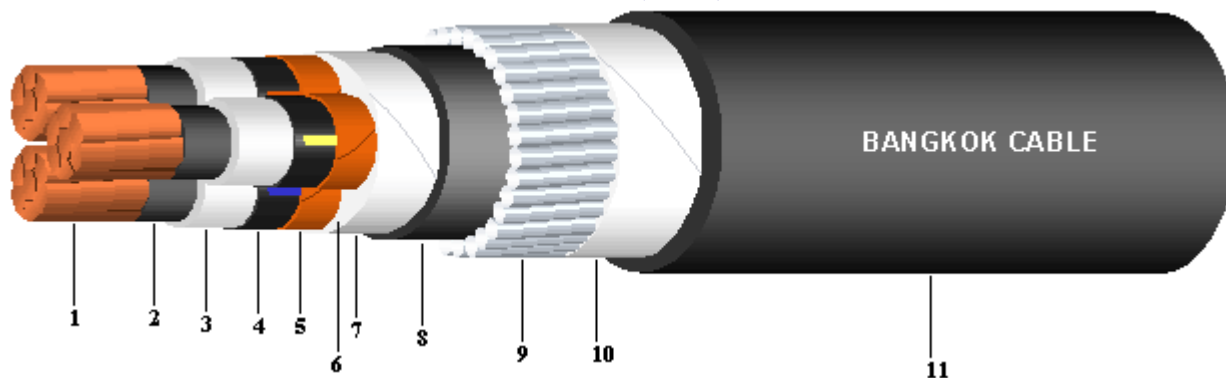


6/10(12) kV CV-SWA (CE Optional)*

IEC 60502-2 (3 CORE)



Construction :

1. Conductor : Compact round stranded annealed copper wires
2. Conductor screen : Semi-conductive Cross-linked polyethylene (XLPE) compound
3. Insulation : Cross-linked polyethylene (XLPE)
4. Insulation screen : Semi-conductive Cross-linked polyethylene (XLPE) compound
5. Metallic screen : Copper tape
6. Filler : Polypropylene (Non-hygroscopic material)
7. Binding tape : Polyester / Spunbond tape
8. Inner sheath : Polyvinyl chloride (PVC), (Optional : PE)*
9. Armour : Galvanized steel wires (Optional : Steel tape)
10. Binding tape : Polyester / Spunbond tape
11. Outer sheath : Polyvinyl chloride (PVC), (Optional : PE)*

Application :

For general purpose power distribution in dry and wet location, installation in exposed, in conduit or duct or direct burial in ground.

Size mm ²	Conductor		Insulation thickness nominal mm	Diameter over insulation (Approx.) mm.	Inner Sheath thickness nominal mm	Galvanized steel wire diameter mm	Diameter over armour (Approx.) mm.	Outer Sheath thickness nominal mm	Overall diameter (Approx.) mm	Maximum DC. Conductor resistance at 20°C ohm/km	Current rating in air A	Cable weight (Approx.) kg/km	Standard length m
	Number of wires (Min.)	Diameter (Approx.) mm											
16	6	4.69	3.4	12.9	1.2	2.00	39.0	2.3	46	1.15	110	3375	500
25	6	5.90	3.4	14.1	1.3	2.50	43.0	2.5	51	0.727	145	4385	500
35	6	6.95	3.4	15.2	1.3	2.50	45.5	2.5	53	0.524	175	4925	500
50	6	8.33	3.4	16.6	1.4	2.50	48.5	2.6	57	0.387	210	5680	300
70	12	9.73	3.4	18.0	1.5	2.50	51.5	2.8	60	0.268	260	6700	300
95	15	11.43	3.4	19.7	1.5	2.50	55.5	2.9	64	0.193	315	7935	300
120	18	12.95	3.4	21.2	1.6	2.50	59.0	3.0	68	0.153	365	9100	250
150	18	14.27	3.4	22.5	1.6	2.50	61.5	3.1	71	0.124	410	10300	200
185	30	15.98	3.4	24.2	1.7	2.50	65.5	3.2	76	0.0991	465	11905	200
240	34	18.47	3.4	27.3	1.8	3.15	74.0	3.5	85	0.0754	550	15485	150
300	34	20.68	3.4	29.5	1.9	3.15	79.0	3.6	90	0.0601	620	18035	100